

# Glossary

**109th Airlift Wing** Division of the New York Air National Guard that supports the United States Antarctic Program.

**ACA** Antarctic Conservation Act.

**ACL** Allowable Cabin Load. Payload of aircraft. Calculations based upon take-off, landing restrictions, range, weather, fuel requirements, etc.

**ACPB** Air Cargo Priority Board.

**AFRTS** Armed Forces Radio and Television Service.

**AGUNSA** Agencias Universales S.A., RPSC's agent in Chile that supports the U.S. Antarctic Program.

**AMC** Air Mobility Command, U.S. Air Force, formally known as MAC, Military Airlift Command.

**ANG** Air National Guard, U.S. Air Force Reserve Component.

**AOD** Airport of Departure.

**AOPB** Air Operations Priority Board.

**APHIS** Animal and Plant Health Inspection Service, U.S. Department of Agriculture.

**APC** Air Post Office.

**APT** Antarctic Passenger Terminal at the International Antarctic Center in Christchurch, New Zealand.

**ARVOC** Antarctic Research Vessel Oversight Committee. An advisory group who meets to discuss issues related to science research on the vessels.

**ATO** Antarctic Terminal Operations. Division of RPSC that manages the movement of passengers and cargo.

**Bag Drag** Similar to check-in with commercial airlines. Passengers are weighed and checked for ECW gear, carry-on bags are approved, and hold bags are palletized for transport.

**Beaker** A nickname for scientists.

**Boomerang** A flight that departs and returns to its origin, due to weather or maintenance considerations.

**Bumped** Refers to cargo or passengers that is/are removed from a flight due to weight restrictions or other considerations.

**C-17** A new U.S. Air Force aircraft that has been tested and may be used in Antarctica.

**C-130** A wheeled four-engine Lockheed Hercules turboprop airplane. LC-130 indicates a ski-equipped plane like those used in Antarctica.

**C-141** U.S. Air Force aircraft used to carry cargo and passengers to McMurdo Station, Antarctica.

**CDC** Clothing Distribution Center located in Christchurch, NZ.

**Chalet** Building that houses NSF and RPSC headquarters staff at McMurdo Station, Antarctica.

**CHC or CHCH** Acronym for "Christchurch," New Zealand. Pronounced "Cheech."

**Clean Air Sector** Area upwind from the South Pole Station that is not contaminated by exhaust fumes from South Pole activity.

**COM AIR** Commercial air transport.

**COMNAP** Council on Managers of National Antarctic Programs.

**COM SUR** Commercial Surface vessel transport.

**Condition One** Weather condition when visibility is less than 100 ft., or wind is greater than 55 knots, or wind chill is greater than 100° F.

**Condition Three** Weather condition better than Condition Two.

**Condition Two** Weather condition when wind speed is between 48-55 knots, or visibility is less than 1/4 mile, but greater than 100 ft., or wind chill is greater than -75° F, but less than 100° F.

**Continental Area** The part of U.S. Antarctic Program that includes McMurdo Station, including South Pole and field camps supported from McMurdo (not the Peninsula area).

**CONUS** Continental United States.

**CSEC** Albert P. Crary Science and Engineering Center, laboratory at McMurdo Station, Antarctica. Also known as Building One.

**CTS** Cargo Tracking System, used to track U.S. Antarctic Program related cargo.

**Dark Sector** Area near the South Pole Station that is not contaminated by light pollution.

**Deployment** Initial passenger transport from airport of departure to destination.

**Det 13** Air National Guard Detachment 13, provides command and control and flight operations support.

**DNF** Do Not Freeze.

**DOD** Department of Defense.

**DSG** Deployment Specialists Group. The combination of the Travel Department and Population Management to assist with every aspect of the deployment process.

**DV** Distinguished Visitor.

**E-mail** Electronic mail.

**ECW** Extreme Cold Weather. Usually in reference to the special clothing/equipment issued to U.S. Antarctic Program participants.

**EHS** Environmental Health and Safety department.

**EPA** Environmental Protection Agency, U.S. Government.

- Event Number** A number identifying a science group that has received funding from NSF to perform research in Antarctica.
- FAR** Federal Acquisition Regulations.
- FEMC** Facilities, Engineering, Maintenance and Construction.
- Galley** Navy term for dining facility.
- Grantee** A scientist who has received a grant from the NSF.
- Herbie** Term used to describe a storm with fierce, blowing wind and/or snow.
- HR** Human Resources.
- IAC** International Antarctic Center, Christchurch, New Zealand.
- Ice** Slang term for Antarctica. Usage: "I'm going to the Ice."
- Ice Runway** The runway used during mainbody flights, it is built on the temporary sea ice and accommodates wheeled airplanes.
- IGY** International Geophysical Year, 1957-1958.
- IT** Information Technology, the department overseeing telecommunications and computers.
- JP-8** Type of fuel used for aircraft and in diesel applications.
- JSOC** Joint Space Operations Center, a building in McMurdo.
- Kilo Air** A method of cargo shipment using ocean vessels from Port Hueneme, California, to New Zealand, then delivered to McMurdo Station by air.
- Kiwi** Nickname that refers to New Zealanders.
- Land-line** Describes a regular telephone line compared to broadcast radio conversation.
- LC-130** A ski-equipped four-engine Lockheed Hercules turboprop airplane.
- LMG** Research support vessel called the *Laurence M. Gould*.
- LTER** Long Term Ecological Research.
- MAF** Ministry of Agriculture and Fisheries, New Zealand.
- Mainbody** The period of time in October when the majority of passengers and cargo are flown into McMurdo Station.
- MAUC** McMurdo Area Users Committee. An advisory group who meets to discuss issues related to science research in the McMurdo Area.
- MCC** Movement Control Center, McMurdo Station, Antarctica.
- MEC** Mechanical Equipment Center, McMurdo Station, Antarctica.
- Medevac** Medical evacuation of a patient.
- MOGAS** Motor automotive gasoline.
- MSC** Military Sealift Command.
- NBP** Research support vessel called the *Nathaniel B. Palmer*.
- NGA** Non-governmental activity.
- NSF** National Science Foundation, an agency of the U.S. Government.
- NYANG** New York Air National Guard.
- NZAP** New Zealand Antarctic Programme.
- OAE** Old Antarctic Explorer. A reference to an experienced Antarctic program participant.
- OPP** Office of Polar Programs, National Science Foundation.
- ORW** Operational Request Worksheet.
- OSHA** Occupational Safety and Health Act.
- PA/QA** Performance Assurance, Quality Assurance. The RPSC department that monitors the performance and quality of service provided to the U.S. Antarctic Program.
- PAUC** Palmer Area Users Committee. An advisory group who meets to discuss issues related to science research in the Palmer Area.
- Pax** Vernacular for Passenger/s.
- Pegasus** A prepared runway on permanent ice near McMurdo Station that operates mainly in late January and February and accommodates wheeled airplanes. It is primarily used for the redeployment of participants and can be used in winter.
- Peninsula Area** The part of the U.S. Antarctic Program that includes Palmer Station, R/V Laurence M. Gould, and other operations in the Antarctic Peninsula area.
- PHI** Petroleum Helicopters Incorporated.
- PI** Principal Investigator: Team leader or scientist in charge of a funded research project.
- POC** Point-of-Contact.
- POLAR ICE** (Participant On-Line Antarctic Research Information Coordination Environment) A web-based data collection and dissemination system designed to capture and administer all relevant support requirements for scientific research in Antarctica.
- PQ'd or PQ** Physically Qualified.
- PSR** Point of Safe Return.
- Radioisotopes** A radioactive isotope.
- Redeployment** Passenger transport from destination to origin.
- Retrograde** To return cargo from the field to McMurdo Station, or from McMurdo to destinations North. Usually in the reverse order of its initial deployment.
- RNZAF** Royal New Zealand Air Force.
- RDD** Required Delivery Date.
- ROS** Required-On-Site date.
- RPSC** Raytheon Polar Services Company
- RPSNZ** Raytheon Polar Services New Zealand. Christchurch location of logistical support for the U.S. Antarctic Program.
- SAAM** Special Assignment Airlift Mission, a mission supported by U.S. Antarctic Program AMC at the request of the NSF.
- SAR** Search and Rescue.
- SCALOP** The Standing Committee of Antarctic Logistics and Operations.
- SCAR** Scientific Committee on Antarctic

Research, of the International Council of Scientific Unions, a non-governmental organization.

**Science Planning Managers** RPSC personnel who work with science groups to plan their research season.

**Science Support** The RPSC department that works with scientists to ensure their research requirements are met.

**SFA** Support Forces Antarctica. The tactical operational name given to U.S. military activities in Antarctica.

**SIP** Support Information Package.

**SPA** Specially Protected Area, an Antarctic Treaty designation.

**SPSM** South Pole Station Modernization.

**SPUC** South Pole Users Committee. An advisory group who meets to discuss issues related to science research at the South Pole.

**SSC** Science Support Center, a building in McMurdo.

**SSSI** Site of Special Scientific Interest, an Antarctic Treaty designation.

**Supply Chain Management** The RPSC department that buys, arranges transportation and distributes materials for the U.S. Antarctic Program.

**SUREPA** Senior U.S. Representative, Antarctica, appointed by the Director of NSF to oversee U.S. Government activities in Antarctica.

**T-event** A technical event, approved by the NSF to perform technical functions at U.S. Antarctic Program locations.

**USA** United States of America.

**USAF** United States Air Force.

**U.S. Antarctic Program (USAP)** United States Antarctic Program, the U.S. Government's program, administered by the National Science Foundation, for research and related activities regarding Antarctica.

**USCG** United States Coast Guard.

**USGS** United States Geological Survey.

**USN** United States Navy.

**V-event** A Visitor, approved by the NSF for visiting U.S. Antarctic Program locations.

**Vessel** A ship. Often refers to the annual resupply ship or to research vessels.

**VHF** Very high frequency: VHF radios are used locally around stations and ships.

**VMF** Acronym for the Vehicle Maintenance Facility.

**W-event** Writer or artist, supported by the NSF in Antarctica.

**White out** A weather term to describe a situation where the horizon is not definitive usually due to blowing snow.

**WINFLY** Vernacular for 'winter fly-in'. Usually occurring in August.

**Winter** Verb to winter: to spend the austral winter season at a U.S. Antarctic Program station.

